

0017



State of Utah

JON M. HUNTSMAN, JR.  
Governor

GARY HERBERT  
Lieutenant Governor

Department of  
Environmental Quality

Amanda Smith  
Acting Executive Director

DIVISION OF WATER QUALITY  
Walter L. Baker, P.E.  
Director

C/007/035 Incoming  
C/007/042

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RECEIVED

AUG 13 2009

DIV. OF OIL, GAS & MINING

August 10, 2009

Mr. Rusty Netz, Environmental Coordinator  
Sunnyside Cogeneration Associates  
P.O. Box 10  
East Carbon, Utah 84520

Subject: UPDES Inspection Reports - Sunnyside Cogeneration (UT0024759) and  
Star Point Refuse Pile (UTG040025).

Dear Mr. Netz:

On July 29, 2009 I met with you and conducted UPDES inspections in regards to your facilities and the UPDES Permit Nos. referenced above. Specifically the permits and recordkeeping were discussed, as well as visually observing the settling ponds, outfall locations, and receiving waters. The Storm Water Pollution Prevention Plans were reviewed for both facilities followed by a site visit to the Star Point Refuse Pile facility, which completed the inspections documented herein. There were no deficiencies noted and no response is required at this time.

I appreciated your time to facilitate the site visit and inspections. Enclosed are copies of the inspection reports for your records. If you have any questions, please contact me at (801) 538-6779 or by e-mail at [jstudenka@utah.gov](mailto:jstudenka@utah.gov).

Sincerely,

Jeff Studenka, Environmental Scientist  
UPDES IES Section

Enclosures

cc (w/encl): Amy Clark, EPA Region VIII  
Claron Bjork, SE District Health Department  
Dave Ariotti, SE District Engineer  
Daron Haddock, Division of Oil Gas & Mines

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## **INSPECTION PROTOCOL**

UPDES Permit #: UT0024759 – Sunnyside Cogeneration Associates  
Inspection Type: Reconnaissance Inspection (RI) + Storm Water Inspection  
Inspection Date: July 29, 2009  
Weather Conditions: Sunny and warm, ~85°F

Jeff Studenka of the Division of Water Quality (DWQ) met with Rusty Netz of Sunnyside Cogeneration Associates (SCA) at the main office building. The purpose for the site visit was to perform a reconnaissance inspection while already in the area.

## **FACILITY DESCRIPTION**

Location: #1 Power Plant Road, Sunnyside, Utah

Coordinates: Facility – 39° 32' 46" North latitude, 110° 23' 49" West longitude

Average Flow: 0.0 MGD (No discharges since November 2005 storm events)

Receiving waters: Iceland Creek → Grassy Trail Creek

Processes: SCA is an electric power generating facility, with approximately 52 MW in generating capacity. SCA has a *Standard Industrial Classification (SIC) code 4911*, for electric power generation and burns coal from mine refuse piles and utilizes nearby water supply sources for cooling water. SCA has a total of ten authorized discharge outfalls, of which two are associated with water supply and provide the potential for discharge near Water Canyon into Grassy Trail Creek (outfall 002) and by the water storage reservoirs near the plant (outfall 003). Both outfalls drain a water supply line coming from a well located in Water Canyon, which supplies about 450 gpm of cooling water. Neither outfall has discharged over the last five years, nor does SCA anticipate a discharge from either of these outfalls in the foreseeable future.

The other eight outfalls are from sedimentation ponds. These ponds are designed to catch runoff and allow settling before discharge. All sedimentation ponds are designed to contain a 10-year, 24-hour storm event. Discharge points 007, 008, 009, 012, and 016 are ponds receiving runoff from disturbed areas associated with obtaining coal refuse from old coal slurry/refuse ponds. The three remaining discharge points are sedimentation ponds associated with surface water drainage for the main facility buildings area (outfall 013), the coal pile area (outfall 014), and the ash landfill (outfall 017).

## **INSPECTION SUMMARY**

There were no deficiencies noted during the last inspection for follow up (5-10-2007 CEI). The outfall locations were observed as well as the receiving waters of Iceland Creek. At the time of the inspection, there was no flow in Iceland Creek. The Storm Water Pollution Prevention Plan was also reviewed on site and determined to be complete, current, and last updated in January 2009.

## **DEFICIENCIES**

No deficiencies were noted during the inspection.

## **REQUIREMENTS**

None.



United States Environmental Protection Agency  
Washington, D.C. 20460

## Water Compliance Inspection Report

### Section A: National Data System Coding (i.e., ICIS)

Transaction Code N	NPDES U T 0 0 2 4 7 5 9	yr/mo/day 0 9 0 7 2 9	Inspection Type R	Inspector S	Fac. Type 2
1	2	3	4	5	6
Remarks					
21					
Inspection Work Days 2	Facility Self-Monitoring Evaluation Rating 4	BI N	QA N	Reserved	
67	69	70	71	72	73 74 75 76 77 78 79 80

### Section B: Facility Data

Name and Location of Facility Inspected (For industrial users discharging to POTW, also include POTW name and NPDES permit number)	Entry Time/ Date 12:30 pm / 7-29-09	Permit Effective Date 8-1-2007
Sunnyside Cogeneration Associates #1 Power Plant Road Sunnyside, UT 84539	Exit Time/ Date 1:30 pm / 7-29-09	Permit Expiration Date 7-31-2012
Name(s) of On-Site Representative(s)/Title(s)/Phone and Fax Number(s)	Other Facility Data (e.g., SIC NAICS, and other descriptive information)	
Rusty Netz, Environmental Coordinator Sunnyside Cogeneration Associates (435) 888-4476	SWPPP on site and last updated 1-20-2009  Fossil Fuel Electric Power Generation, SIC Code 4911 NAICS 221112	
Name, Address of Responsible Official/Title/Phone and Fax Number	Contacted	
Richard Carter, Plant Manager Sunnyside Cogeneration Associates #1 Power Plant Road Sunnyside, UT 84539 (435) 888-4476	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	
SEE ATTACHED		

### Section C: Areas Evaluated During Inspection (Check only those areas evaluated)

<input checked="" type="checkbox"/> Permit	<input checked="" type="checkbox"/> Self Monitoring Program	<input type="checkbox"/> Pretreatment	<input type="checkbox"/> MS4
<input checked="" type="checkbox"/> Records/Reports	<input type="checkbox"/> Compliance Schedule	<input type="checkbox"/> Pollution Prevention	
<input checked="" type="checkbox"/> Facility Site Review	<input type="checkbox"/> Laboratory	<input type="checkbox"/> Storm Water	
<input checked="" type="checkbox"/> Effluent/Receiving Waters	<input type="checkbox"/> Operations & Maintenance	<input type="checkbox"/> Combined Sewer Overflow	
<input type="checkbox"/> Flow Measurement	<input type="checkbox"/> Sludge Handling/Disposal	<input type="checkbox"/> Sanitary Sewer Overflow	

### Section D: Summary of Findings/Comments

(Attach additional sheets of narrative and checklists, including Single Event Violation codes, as necessary)

SEV Codes	SEV Description

Name(s) and Signature(s) of Inspector(s)	Agency/Office/Phone and Fax Number(s)	Date:
JEFF STUDENKA, ENVIRONMENTAL SCIENTIST 	DWQ (801) 538-6779	8-7-09
N/A		
Name and Signature of Management Q A Reviewer	Agency/Office/Phone and Fax Number(s)	Date:
MIKE HERKIMER, MANAGER UPDES PERMITS IES SECTION 	DWQ (801) 538-6058	8/10/09

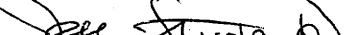

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Sunnyside Cogeneration Associates #1 Power Plant Road Sunnyside, UT 84539		Exit Time/ Date 1:30 pm / 7-29-2009	Permit Expiration Date 7-31-2012
Name(s) of On-Site Representative(s)/Title(s)/Phone and Fax Number(s)		Other Facility Data (e.g., SIC NAICS, and other descriptive information)	
Rusty Netz, Environmental Coordinator Sunnyside Cogeneration Associates (435) 888-4476		SWPPP on site and last updated 1-20-2009  Fossil Fuel Electric Power Generation, SIC Code 4911 NAICS 221112	
Name, Address of Responsible Official/Title/Phone and Fax Number		SEE ATTACHED	
Richard Carter, Plant Manager Sunnyside Cogeneration Associates #1 Power Plant Road Sunnyside, UT 84539 (435) 888-4476		<p><b>Contacted</b></p> <p> <input type="checkbox"/> Yes         <input checked="" type="checkbox"/> No       </p>	

<input type="checkbox"/> Permit	<input type="checkbox"/> Self Monitoring Program	<input type="checkbox"/> Pretreatment	<input type="checkbox"/> MS4
<input type="checkbox"/> Records/Reports	<input type="checkbox"/> Compliance Schedule	<input type="checkbox"/> Pollution Prevention	
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SEV Codes	SEV Description
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<input type="text"/>	
<input type="text"/>	

Name(s) and Signature(s) of Inspector(s)		Agency/Office/Phone and Fax Number(s)	Date:
JEEF STUDENKA, ENVIRONMENTAL SCIENTIST 		DWQ (801) 538-6779	8-7-09
N/A			
Name and Signature of Management Q A Reviewer		Agency/Office/Phone and Fax Number(s)	Date:
MIKE HERKIMER, MANAGER UPDES PERMITS IES SECTION 		DWQ (801) 538-6058	8/10/09

## **INSPECTION PROTOCOL**

UPDES Permit #: UTG040025 – Sunnyside Cogeneration Associates Star Point Coal Pile  
Inspection Type: Reconnaissance Inspection (RI) + Storm Water Inspection  
Inspection Date: July 29, 2009  
Weather Conditions: Sunny and warm, ~80°F

Jeff Studenka of the Division of Water Quality (DWQ) visited the Star Point Coal Refuse Pile while already in the area after conducting the interview portion with Rusty Netz, Environmental Coordinator for Sunnyside Cogeneration Associates (SCA) and the main offices in Sunnyside.

## **FACILITY DESCRIPTION**

Location: Former Star Point Mine Site in Wattis, Utah off State HWY. 122 in Carbon County.

Coordinates: Outfall 005 – 39° 31' 38.91" latitude, -111° 00' 41.23" longitude (Pond 5)  
Outfall 006 – 39° 31' 47.64" latitude, -111° 00' 14.11" longitude (Pond 6)  
Outfall 009 – 39° 31' 37.36" latitude, -111° 00' 33.30" longitude (Pond 9)

Average Flow: 0.0 MGD (only 1 minor discharge in past six years from heavy rainfall Nov. 2004)

Receiving water: Serviceberry Creek (dry)

Processes: Refuse coal from the former Star Point ine is managed by SCA and is regularly trucked to their cogeneration power plant in Sunnyside. Three sedimentation ponds remain on the reclaimed site to capture surface water from runoff events. Over the past six years, there has been only one discharge event. Outfalls 005 & 006 discharged one day in November 2004 from a major storm event.

## **INSPECTION SUMMARY**

There were no deficiencies noted during the last inspection for follow up (8-26-2008 CEI). The outfall locations were observed as well as the dry receiving streambed of Serviceberry Creek. The Storm Water Pollution Prevention Plan was also verified to be current, last updated in January 2009 and is kept at SCA offices in Sunnyside, Utah.

## **DEFICIENCIES**

No deficiencies were noted during the inspection.

## **REQUIREMENTS**

None.

# Water Compliance Inspection Report

## Section A: National Data System Coding (i.e., ICIS)

<b>Transaction Code</b>		<b>NPDES</b>	<b>yr/mo/day</b>	<b>Inspection Type</b>	<b>Inspector</b>	<b>Fac. Type</b>
N		U T G 0 4 0 0 2 5	0 9 0 7 2 9	R	S	2
1	2	3	11	12	17	20
<b>Remarks</b>						
						66
<b>Inspection Work Days</b>		<b>Facility Self-Monitoring Evaluation Rating</b>		<b>BI</b>	<b>QA</b>	<b>Reserved</b>
	2	4		N	N	
67	69	70		71	72	73 74 75 76 77 78 79 80

## Section B: Facility Data

Name and Location of Facility Inspected (For industrial users discharging to POTW, also include POTW name and NPDES permit number)		Entry Time/ Date 2:30 pm /7-29-2009	Permit Effective Date 5-1-2008
Sunnyside Cogeneration Associates Star Point Coal Mine Refuse Pile Facility Wattis, Utah		Exit Time/ Date 3:00 pm / 7-29-2009	Permit Expiration Date 4-30-2013
Name(s) of On-Site Representative(s)/Title(s)/Phone and Fax Number(s) No one on site		Other Facility Data (e.g., SIC NAICS, and other descriptive information) Former Coal Mining Operations SIC Code 1222 NAICS 212112	
Name, Address of Responsible Official/Title/Phone and Fax Number Rusty Netz, Environmental Coordinator (435) 888-447, Sunnyside Cogeneration Associates #1 Power Plant Road Sunnyside, UT 84539		SEE ATTACHED	
Contacted <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			



## Section C: Areas Evaluated During Inspection (Check only those areas evaluated)

<input checked="" type="checkbox"/> Permit	<input checked="" type="checkbox"/> Self Monitoring Program	<input type="checkbox"/> Pretreatment	<input type="checkbox"/> MS4
<input checked="" type="checkbox"/> Records/Reports	<input type="checkbox"/> Compliance Schedule	<input type="checkbox"/> Pollution Prevention	
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## Section D: Summary of Findings/Comments

***(Attach additional sheets of narrative and checklists, including Single Event Violation codes, as necessary)***

SEV Codes	SEV Description
<input type="text"/>	
<input type="text"/>	
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Name(s) and Signature(s) of Inspector(s) JEFF STUDENKA, ENVIRONMENTAL SCIENTIST 	Agency/Office/Phone and Fax Number(s) DWQ (801) 538-6779	Date: 8-7-09
N/A		
Name and Signature of Management Q A Reviewer MIKE HERKIMER, MANAGER UPDES IES SECTION 	Agency/Office/Phone and Fax Number(s) DWQ (801) 538-6058	Date: 8/10/09



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## Water Compliance Inspection Report

### Section A: National Data System Coding (i.e., ICIS)

Transaction Code N	NPDES UTG040025	yr/mo/day 090729	Inspection Type ~	Inspector S	Fac. Type 2
1	2	3	11	12	17
Remarks					
21					
66					
Inspection Work Days 2	Facility Self-Monitoring Evaluation Rating 4	BI N	QA N	Reserved	
67	69	70	71	72	73 74 75 80

### Section B: Facility Data

Name and Location of Facility Inspected (For industrial users discharging to POTW, also include POTW name and NPDES permit number) Sunnyside Cogeneration Associates Star Point Coal Mine Refuse Pile Facility Wattis, Utah	Entry Time/ Date 2:30 pm / 7-29-2009	Permit Effective Date 5-1-2008
	Exit Time/ Date 3:00 pm / 7-29-2009	Permit Expiration Date 4-30-2013
Name(s) of On-Site Representative(s)/Title(s)/Phone and Fax Number(s) No one on site	Other Facility Data (e.g., SIC NAICS, and other descriptive information) SWPPP at main office and last updated 1-20-2009  Former Coal Mining Operations SIC Code 1222 NAICS 212112	
Name, Address of Responsible Official/Title/Phone and Fax Number Rusty Netz, Environmental Coordinator (435) 888-447, Sunnyside Cogeneration Associates #1 Power Plant Road Sunnyside, UT 84539	Contacted <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	SEE ATTACHED

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N/A		
Name and Signature of Management Q A Reviewer MIKE HERKIMER, MANAGER UPDES IES SECTION 	Agency/Office/Phone and Fax Number(s) DWQ (801) 538-6058	Date: 8/10/09